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L27 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

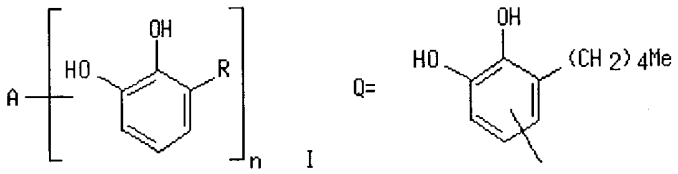
Full Text | Citing References

ACCESSION NUMBER: 1995:996505 HCAPLUS
DOCUMENT NUMBER: 124:146864
TITLE: Preparation of catechol-haptenated peptides for desensitizing against delayed-type hypersensitivity
INVENTOR(S): Hackett, Charles J.; Greenstein, Julia L.; Gefter, Malcolm L.; Wilson, Kurt Jeff; Gelber, Cohava
PATENT ASSIGNEE(S): Immulogic Pharmaceutical Corp., USA
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9526980	A2	19951012	WO 1995-US4121	19950330
WO 9526980	A3	19951207		
W: AU, CA, JP, KR, NZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2186873	AA	19951012	CA 1995-2186873	19950330
AU 9522383	A1	19951023	AU 1995-22383	19950330

PRIORITY APPLN. INFO.: US 1994-222206 19940401
US 1995-383645 19950206
WO 1995-US4121 19950330

OTHER SOURCE(S): MARPAT 124:146864
GI



AB Class I or II major histocompatibility complex (MHC) antigens-binding carrier peptides linked to catechol derivs. [I; R = H, C1-20 hydrocarbyl; A = peptide of 7-30 amino acid residues capable of binding to a Class II MHC mol.; n = 1,2,3], which are recognized by urushiol-specific T lymphocytes, are prepd. The compds. are useful in therapeutic compns. for desensitizing individuals against contact sensitivity to haptens, such as urushiol of poison ivy/poison oak. Thus, Ac-Phe-Glu-Asp-Gln-Gly-Ser-Lys(R)-Glu-Asn-Ile-Ala-Arg-Asp-NH2 [I; R = 3-n-pentadecylcatechol (Q), which is a major component of poison ivy urushiol], was prepd. by the solid phase synthesis of the peptide I (R = H) and coupling of the peptide with 3-n-pentadecylbenzoquinone (II) obtained by oxidn. of 3-n-pentadecylcatechol with Ag2O. Treatment of mice with the above 3-n-pentadecylcatechol-conjugated peptide reduced the delayed-type hypersensitivity response to down to background level, indicating that pretreatment with this peptide results in downregulation of the effector T cells mediating the delayed-type hypersensitivity response.

IT **173525-55-8P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological

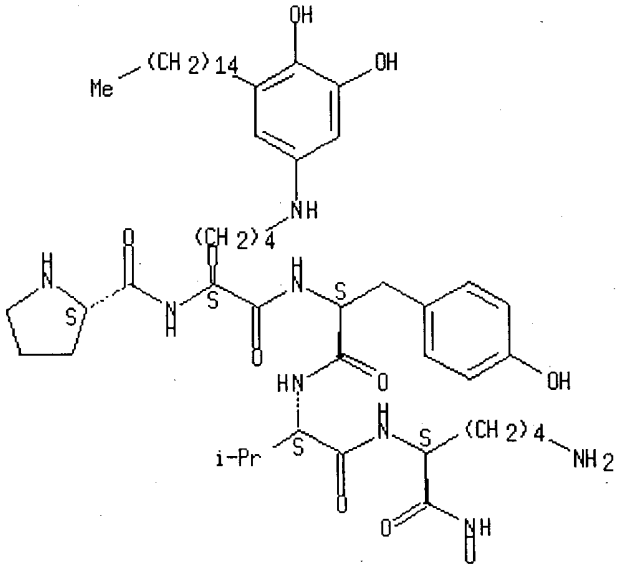
study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of catechol-haptenated peptides for desensitizing against delayed-type hypersensitivity induced by urushiol)

RN 173525-55-8 HCAPLUS

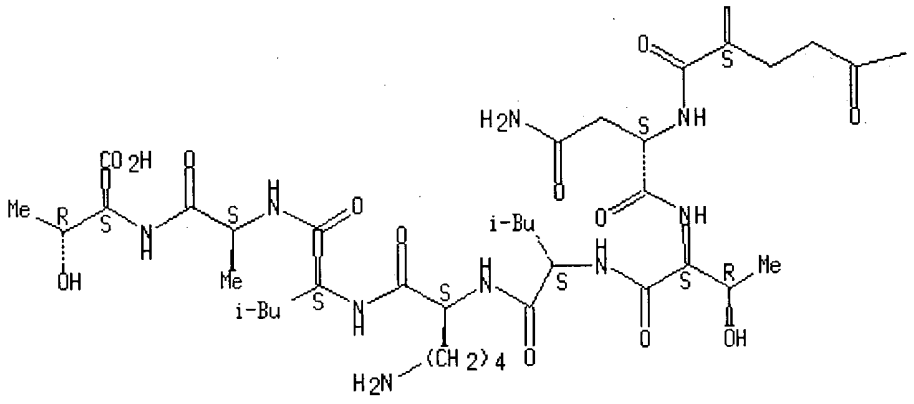
CN L-Threonine, L-prolyl-N6-(3,4-dihydroxy-5-pentadecylphenyl)-L-lysyl-L-tyrosyl-L-valyl-L-lysyl-L-glutaminyl-L-asparaginyl-L-threonyl-L-leucyl-L-lysyl-L-leucyl-L-alanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A



PAGE 2-B

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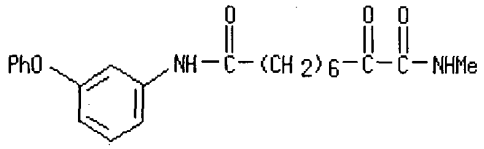


REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

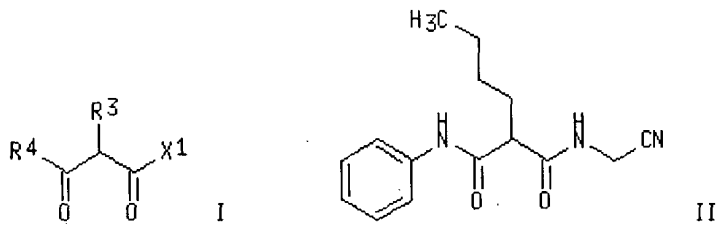
Full Text | Citing References

ACCESSION NUMBER: 2002:946095 HCAPLUS
DOCUMENT NUMBER: 138:24322
TITLE: Preparation of malonamides as cathepsin inhibitors
INVENTOR(S): Patterson, John W.; Zipfel, Sheila
PATENT ASSIGNEE(S): Celera, USA
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002098406	A1	20021212	WO 2002-US17922	20020604
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1399146	A1	20040324	EP 2002-739721	20020604
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: US 2001-295744P P 20010604
WO 2002-US17922 W 20020604

OTHER SOURCE(S): MARPAT 138:24322
GI



AB The title malonamides I [wherein X1 = substituted amino; R3 = (un)substituted alkyl; R4 = (un)substituted amino; with provisos; and the N-oxide derivs., prodrugs, protected derivs., isomers, mixts. of isomers, pharmaceutically acceptable salts, and solvates thereof] were prepd. as selective cathepsin S inhibitors. For example, a soln. of aniline in

CH2Cl2 was treated with Me malonyl chloride in the presence of Et3N, followed by reaction with 1-iodobutane in N-methylpyrrolidinone in the presence of LiOH to give Me 2-phenylcarbamoylhexanoate. The above compd. was treated with NaOH in MeOH, followed by the addn. of 1 N aq. HCl soln. to afford 2-phenylcarbamoylhexanoic acid (74%). The hexanoic acid in DMF was treated with PyBOP, aminoacetonitrile bisulfate, and Et3N to provide 2-butyl-N-cyanomethyl-N'-phenylmalonamide (II) (57%). I showed inhibition consts. against cathepsin S in the range of 10-10 M to 10-7 M. Pharmaceutical formulations contg. a compd. of formula I were also presented.

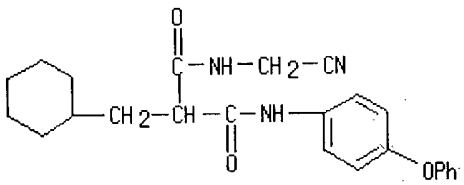
IT **477860-85-8P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)

(cathepsin inhibitor; prepn. of malonamides via condensation reactions of malonic acids with amines as cathepsin inhibitors)

RN 477860-85-8 HCAPLUS

CN Propanediamide, N-(cyanomethyl)-2-(cyclohexylmethyl)-N'-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2002:907188 HCAPLUS
DOCUMENT NUMBER: 138:1673
TITLE: Inhibitors of histone deacetylase and their therapeutic use
INVENTOR(S): Curtin, Michael L.; Dai, Yujia; Davidsen, Steven K.; Frey, Robin R.; Guo, Yan; Heyman, Howard R.; Holms, James H.; Ji, Zhiqin; Michaelides, Michael R.; Vasudevan, Anil; Wada, Carol K.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 49 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002177594	A1	20021128	US 2001-45747	20011026
US 2003045477	A1	20030306	US 2002-205924	20020726
			US 2001-275770P P	20010314
			US 2001-308435P P	20010726

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 138:1673

AB Compds. having the formula (R4L2)nL1CR1R2R3 (n = 1,2; L1 = alkenylene, alkylene, alkynylene, cycloalkylene, heteroalkylene, alkylene-CONR5-alkylene, alkylene-O-alkylene; L2 = bond, C2-alkenylene, O, S, SO2,